

Abstract

Disclosed is a product and method for transplanting biological fluids into a host animal (including humans) that have been collected from donor animals. These biological fluids have been purified and processed so that they are acellular, sterile, pathogen free, and a form that can be stored for considerable periods of time without degradation. In one embodiment, synovial

fluid is harvested from a large number of donors to produce the transplantation compound. Donor fluid is collected from a number of joints per animal, and initially screened for obvious abnormalities (clarity, color, viscosity...etc.) and accepted or rejected on a joint-by-joint basis at the time of collection. The collected fluid is frozen in the field. Once in a laboratory setting, the fluid is warmed and spun down in a centrifuge. The supernate is collected, filtered, and mixed in large batches while the permeate is discarded. The supernate is re-frozen, lyophilized (freeze-dried) to form a cake and packaged as an individual dose under vacuum. The product is sterile, stable, has a long shelf life and can be readily reconstituted and injected into a joint.